

HOUSE AND FARM.

**OLIOLO.**—Mrs. Henry Ward Beecher, in giving some of the results of her housekeeping experience, remarks that neither soap, hot water nor brush should ever be used on cloths. It should always be washed in lukewarm water with a piece of soft old flannel and wiped perfectly dry each time.

**FOR WINTER NIGHTS.**—An excellent and well-tried recipe for keeping boys and girls out of mischief in the long winter evenings is to give them something suitable and interesting to do. Set them to making scrap-books. If there are two or three children let each one take a subject and see what and how much he can collect upon that for his book. For example, we have what we call an "animal scrap-book" in which is pasted every fact, incident and anecdote relating to animals. We have a dog department, a horse department, etc.

**PROPAGATION OF THE GRAPE BY EYES.**—A German agricultural journal informs us that the grape-vine can be propagated by means of eyes, so as to save three years' time. Each eye, each eye furnishing a new shoot. Each grape-vine will furnish as many shoots as it has sound eyes, and they are to be cut off about a quarter of an inch from the eye on each side, so as to have a cylinder of wood about half an inch long, with the eye in the center. If prepared in the autumn these eyes may be put in a cellar in winter. In April they are to be laid down at an angle of two or three inches in furrows about six inches apart, and covered with a little manure, watered in dry weather, and the earth about them occasionally loosened.

**UTILIZE YOUR CANS.**—Now, as you begin to use your cans, it is a good plan to fill some of them with pickles and put them away for use in the late spring and summer. Select the hard, crisp cucumbers. Put them into the cans and turn hot vinegar over them and seal them tightly. If you wish to keep the chop-oh pickle, heat that, vinegar and all. Fill some of your cans with stewed cranberries. These in the spring, when apples have just their flavor, you can make a very good apple pie by adding two or three tablespoonsful of cranberries to one pie. Do not leave empty cans standing around in the pantry when the fruit is taken out. Wash the can, dry it and the cover and the rubber ring. Then put the top on and set the can on the shelf which you took it from.

**THE CULTURE OF BEES.**—The Mendocino Beacon says: We have reason to believe that portions of the Mendocino Coast are adapted to the culture of bees, and even householders whose means will not enable them to buy a cow, or to provide for keeping her were they in possession of one, might procure a colony of bees, and provide for their swarms resulting therefrom. Bees, like other stock, require pasturage, but unlike horses, cattle and sheep, they are free-commoners, ranging at will in search of stores, nor can they be arrested and punished for their intrusion upon premises alien to their owners. A single colony of bees, in good condition in the spring, may be counted upon to double the weight of their honey in a single season, securing ample stores for winter consumption, while supplying a gratifying surplus for household uses. This accumulation will prove most acceptable in families, especially when the price of butter rises so high as to place it beyond the reach of those not blessed with elongated and plethoric purses. Try a colony of bees as an experiment.

**BOSTON HORSES.**—A CERTAIN REMEDY.—In the past fifteen or twenty years I have cured a great many horses, in fact, for sometime have kept about 75 in my stable at once, and during the time I have never lost one with bots in 35 m. I have prepared the following course whenever I suspected their existence: Fill in an ordinary junk bottle half full of molasses; then fill with sweet milk, shake well and drench; follow the above in about an hour with a bottle of strong sage tea, made of ordinary garden sage; next day give that horse a bait of rough rice and the dead bots will come with rice. My theory is that the milk and molasses being sweeter than blood, the bots turn loose to eat it. The sage tea will kill them, and it is the only thing I ever heard of that will do it, without injury to the horse. The rice will cut out the dead bots more than salt; in fact, if you will give horses a feed of rough rice every two weeks, I do not think there is the least danger from bots; at least, such is my experience. As a proof of what I have written, get two leaves, dip them in hot water, lay one down, put a lively bot on it, then cover him with the other and he will die instantly. Sage I have also found very beneficial in colic, and is perfectly harmless, if it does no good. —Correspondent Carolina Farmer.

**POINTS OF A GOOD COW.**—Mr. Henry Stewart, of the Rural New Yorker, gives the following as the chief characteristics of a good cow—the points being so well defined that any one can make the selections. They are also in accordance with the results of experience: "The extremities should be delicately formed; the tail long and thin, except at its root, which should be large and strong; the muzzle should be fine; the head long, flat and thin, but broad across the eyes, to give room for a large brain, which is the foundation for a highly developed and active nervous system; the horns fine, thin and neatly curved; the eyes bright and active, agreeing with the active brain, but calm, quiet and mild in expression, significant of a quiet even disposition and one not readily disturbed or worried. As the secretions of the body all come from the blood, and as a rich, yellow color is desired in the butter, so the skin should be filled with yellow pigment, and the inside of the ears and thighs, and the other places where the hair is light and the skin plainly visible, should be of an orange color, so the scales or ear-wax should be of the same color. The hair should be fine, smooth and silky; and in short, the whole appearance should be satisfying to the eye, and consistent one part with another and well balanced."

**THE FARMER OF THE FUTURE.**—The farmer of the future must be a man of resource; he must be ready to adapt himself to new circumstances, and to adopt new crops when he finds he is undersold. He must look upon the air and soil as his agents for the production of vegetable and animal forms, the precise type of which must depend upon the supply and demand. If an ironmonger finds he has a strong competition in the sale of locks, he turns his attention to lamps, or something else, and so must the farmer.

**STRAWBERRIES.**—The editor of The London Garden, in answer to an inquiry, says that ripe strawberries can be had the year round, and that there is no difficulty about their production every day of the year, only quality must be left out of consideration from October to February, for without sunshine, under the most favorable condition, the fruit is insipid, and that it is hardly worth while to incur great expense for strawberries that are only good to look at.

Profits of Clover.

A correspondent of the Ohio Farmer gives his experience with clover for hogs as follows: On the 20th of August of this year we sold a lot of hogs, averaging about 190 pounds to the head, for \$4.54. They were classed as grassers by the shipper, not being at all fat. They lived from the first to the last in a twenty-acre field stocked with clover, red and white in about equal proportions. They consumed during their lives only 425 bushels of corn; the remainder of their subsistence they picked up in the clover field. During May, June and July they had no corn at all. About the first of August we commenced and fed them three weeks on old corn, soaked twenty-four hours before feeding—giving them eighty bushels in this way. At forty cents a bushel the entire amount consumed by them was worth \$17.10. Deducting this from \$454 less \$292.50 to be credited to the clover field. This is at the rate of \$14.14 per acre for the year's growth of clover, saying nothing about the enrichment of the soil.

Cotton Stalks for Paper Pulp.

George W. Artemus, Jr., has been experimenting on this subject, and gives the results in the following note to the Wilmington, N. C., Star: "Enclosed you will find samples of paper pulp reduced by me from the stalks, bolls, etc., of the cotton plant. There is from 15 to 20 per cent. more fibre than when used, which is used very extensively by the paper manufacturers for both white and manilla paper. To get at the actual cost of producing the pulp it would be necessary for one to know from the grower what expense would be attached to baling it for shipment, and cost of freight to Philadelphia, and I would like to hear from all the growers that feel interested in this new idea. It will be remembered that Mr. Edward Atkinson, in an interview with one of our correspondents some months since, spoke favorably of this idea."

A New Variety of Cotton.

The New York Weekly Cotton says before its readers some particulars about a new kind of cotton which has been recently introduced into the State of Kentucky. The seed is said to have been brought from Africa by a colored man who left that country in 1871. The seed was presented to a gentleman in Hempstead county. The farmers who have planted it report that it will make an exceedingly large amount of lint to the acre. The stalk and leaves of this new variety of cotton are of a dark red color. The parts of the plant are differently shaped from other cotton. It is superior both in quality and quantity of lint to other cotton growing beside it. It is besides a very ornamental plant.

MISCELLANEOUS ADVERTISEMENTS.

28th

Popular Monthly Drawing of the COMMONWEALTH DISTRIBUTION CO. at MACAULEY'S THEATRE, in the City of Louisville, on Monday, January 31, 1881.

These drawings occur monthly under provision of an act of the General Assembly of Kentucky, the reporting the Newport Printing and Newspaper Co., approved April 1876. This is a special act, and has never been repealed. The United States Circuit Court on March 31, rendered the following decisions: 1st.—That the COMMONWEALTH DISTRIBUTION CO. is a legal corporation. 2d.—Its DRAWINGS ARE FAIR. N. B.—The Company has now on hand a large reserve fund. Read the list of prizes for the

**January Drawing.**  
1 Prize.....\$30,000 100 of 100 each \$10,000  
2 Prize.....10,000 200 of 50 each 10,000  
3 Prize.....5,000 600 of 20 each 12,000  
4 Prize.....1,000 1,000 of 10 each 10,000  
5 Prize.....500 2,000 of 5 each 10,000  
6 Prize.....250 4,000 of 2 1/2 each 10,000  
7 Prize.....125 8,000 of 1 1/4 each 10,000  
8 Prize.....62 16,000 of 3/4 each 10,000  
9 Prize.....31 32,000 of 3/8 each 10,000  
10 Prize.....15 64,000 of 3/16 each 10,000  
11 Prize.....7 128,000 of 3/32 each 10,000  
12 Prize.....3 256,000 of 3/64 each 10,000  
13 Prize.....1 512,000 of 3/128 each 10,000  
14 Prize.....1/2 1,024,000 of 3/256 each 10,000  
15 Prize.....1/4 2,048,000 of 3/512 each 10,000  
16 Prize.....1/8 4,096,000 of 3/1,024 each 10,000  
17 Prize.....1/16 8,192,000 of 3/2,048 each 10,000  
18 Prize.....1/32 16,384,000 of 3/4,096 each 10,000  
19 Prize.....1/64 32,768,000 of 3/8,192 each 10,000  
20 Prize.....1/128 65,536,000 of 3/16,384 each 10,000  
21 Prize.....1/256 131,072,000 of 3/32,768 each 10,000  
22 Prize.....1/512 262,144,000 of 3/65,536 each 10,000  
23 Prize.....1/1,024 524,288,000 of 3/131,072 each 10,000  
24 Prize.....1/2,048 1,048,576,000 of 3/262,144 each 10,000  
25 Prize.....1/4,096 2,097,152,000 of 3/524,288 each 10,000  
26 Prize.....1/8,192 4,194,304,000 of 3/1,048,576 each 10,000  
27 Prize.....1/16,384 8,388,608,000 of 3/2,097,152 each 10,000  
28 Prize.....1/32,768 16,777,216,000 of 3/4,194,304 each 10,000  
29 Prize.....1/65,536 33,554,432,000 of 3/8,388,608 each 10,000  
30 Prize.....1/131,072 67,108,864,000 of 3/16,777,216 each 10,000  
31 Prize.....1/262,144 134,217,728,000 of 3/33,554,432 each 10,000  
32 Prize.....1/524,288 268,435,456,000 of 3/67,108,864 each 10,000  
33 Prize.....1/1,048,576 536,870,912,000 of 3/134,217,728 each 10,000  
34 Prize.....1/2,097,152 1,073,741,824,000 of 3/268,435,456 each 10,000  
35 Prize.....1/4,194,304 2,147,483,648,000 of 3/536,870,912 each 10,000  
36 Prize.....1/8,388,608 4,294,967,296,000 of 3/1,073,741,824 each 10,000  
37 Prize.....1/16,777,216 8,589,934,592,000 of 3/2,147,483,648 each 10,000  
38 Prize.....1/33,554,432 17,179,869,184,000 of 3/4,294,967,296 each 10,000  
39 Prize.....1/67,108,864 34,359,738,368,000 of 3/8,589,934,592 each 10,000  
40 Prize.....1/134,217,728 68,719,476,736,000 of 3/17,179,869,184 each 10,000  
41 Prize.....1/268,435,456 137,438,953,472,000 of 3/34,359,738,368 each 10,000  
42 Prize.....1/536,870,912 274,877,906,944,000 of 3/68,719,476,736 each 10,000  
43 Prize.....1/1,073,741,824 549,755,813,888,000 of 3/137,438,953,472 each 10,000  
44 Prize.....1/2,147,483,648 1,099,511,627,776,000 of 3/274,877,906,944 each 10,000  
45 Prize.....1/4,294,967,296 2,199,023,255,552,000 of 3/549,755,813,888 each 10,000  
46 Prize.....1/8,589,934,592 4,398,046,511,104,000 of 3/1,099,511,627,776 each 10,000  
47 Prize.....1/17,179,869,184 8,796,093,022,208,000 of 3/2,199,023,255,552 each 10,000  
48 Prize.....1/34,359,738,368 17,592,186,044,416,000 of 3/4,398,046,511,104 each 10,000  
49 Prize.....1/68,719,476,736 35,184,372,088,832,000 of 3/8,796,093,022,208 each 10,000  
50 Prize.....1/137,438,953,472 70,368,744,177,664,000 of 3/17,592,186,044,416 each 10,000  
51 Prize.....1/274,877,906,944 140,737,488,355,328,000 of 3/35,184,372,088,832 each 10,000  
52 Prize.....1/549,755,813,888 281,474,976,710,656,000 of 3/70,368,744,177,664 each 10,000  
53 Prize.....1/1,099,511,627,776 562,949,953,421,312,000 of 3/140,737,488,355,328 each 10,000  
54 Prize.....1/2,199,023,255,552 1,125,899,906,842,624,000 of 3/281,474,976,710,656 each 10,000  
55 Prize.....1/4,398,046,511,104 2,251,799,813,685,248,000 of 3/562,949,953,421,312 each 10,000  
56 Prize.....1/8,796,093,022,208 4,503,599,627,370,496,000 of 3/1,125,899,906,842,624 each 10,000  
57 Prize.....1/17,592,186,044,416 9,007,199,254,740,992,000 of 3/2,251,799,813,685,248 each 10,000  
58 Prize.....1/35,184,372,088,832 18,014,398,509,481,984,000 of 3/4,503,599,627,370,496 each 10,000  
59 Prize.....1/70,368,744,177,664 36,028,797,018,963,968,000 of 3/9,007,199,254,740,992 each 10,000  
60 Prize.....1/140,737,488,355,328 72,057,594,037,927,936,000 of 3/18,014,398,509,481,984 each 10,000  
61 Prize.....1/281,474,976,710,656 144,115,188,075,855,872,000 of 3/36,028,797,018,963,968 each 10,000  
62 Prize.....1/562,949,953,421,312 288,230,376,151,711,744,000 of 3/72,057,594,037,927,936 each 10,000  
63 Prize.....1/1,125,899,906,842,624 576,460,752,303,423,488,000 of 3/144,115,188,075,855,872 each 10,000  
64 Prize.....1/2,251,799,813,685,248 1,152,921,504,606,846,976,000 of 3/288,230,376,151,711,744 each 10,000  
65 Prize.....1/4,503,599,627,370,496 2,305,843,009,213,693,952,000 of 3/576,460,752,303,423,488 each 10,000  
66 Prize.....1/9,007,199,254,740,992 4,611,686,018,427,387,904,000 of 3/1,152,921,504,606,846,976 each 10,000  
67 Prize.....1/18,014,398,509,481,984 9,223,372,036,854,775,808,000 of 3/2,305,843,009,213,693,952 each 10,000  
68 Prize.....1/36,028,797,018,963,968 18,446,744,073,709,551,616,000 of 3/4,611,686,018,427,387,904 each 10,000  
69 Prize.....1/72,057,594,037,927,936 36,893,488,147,419,103,232,000 of 3/9,223,372,036,854,775,808 each 10,000  
70 Prize.....1/144,115,188,075,855,872 73,786,976,294,838,206,464,000 of 3/18,446,744,073,709,551,616 each 10,000  
71 Prize.....1/288,230,376,151,711,744 147,573,952,589,676,412,928,000 of 3/36,893,488,147,419,103,232 each 10,000  
72 Prize.....1/576,460,752,303,423,488 295,147,905,179,352,825,856,000 of 3/73,786,976,294,838,206,464 each 10,000  
73 Prize.....1/1,152,921,504,606,846,976 590,295,810,358,705,651,712,000 of 3/147,573,952,589,676,412,928 each 10,000  
74 Prize.....1/2,305,843,009,213,693,952 1,180,591,620,717,411,303,424,000 of 3/295,147,905,179,352,825,856 each 10,000  
75 Prize.....1/4,611,686,018,427,387,904 2,361,183,241,434,822,606,848,000 of 3/590,295,810,358,705,651,712 each 10,000  
76 Prize.....1/9,223,372,036,854,775,808 4,722,366,482,869,645,213,696,000 of 3/1,180,591,620,717,411,303,424 each 10,000  
77 Prize.....1/18,446,744,073,709,551,616 9,444,732,965,739,290,427,392,000 of 3/2,361,183,241,434,822,606,848 each 10,000  
78 Prize.....1/36,893,488,147,419,103,232 18,889,465,931,478,580,854,784,000 of 3/4,722,366,482,869,645,213,696 each 10,000  
79 Prize.....1/73,786,976,294,838,206,464 37,778,931,862,957,161,709,568,000 of 3/9,444,732,965,739,290,427,392 each 10,000  
80 Prize.....1/147,573,952,589,676,412,928 75,557,863,725,914,323,419,136,000 of 3/18,889,465,931,478,580,854,784 each 10,000  
81 Prize.....1/295,147,905,179,352,825,856 151,115,727,451,828,646,838,272,000 of 3/37,778,931,862,957,161,709,568 each 10,000  
82 Prize.....1/590,295,810,358,705,651,712 302,231,454,903,657,293,677,544,000 of 3/75,557,863,725,914,323,419,136 each 10,000  
83 Prize.....1/1,180,591,620,717,411,303,424 604,462,909,807,314,587,355,088,000 of 3/151,115,727,451,828,646,838,272 each 10,000  
84 Prize.....1/2,361,183,241,434,822,606,848 1,208,925,819,614,629,174,710,176,000 of 3/302,231,454,903,657,293,677,544 each 10,000  
85 Prize.....1/4,722,366,482,869,645,213,696 2,417,851,639,229,258,349,420,352,000 of 3/604,462,909,807,314,587,355,088 each 10,000  
86 Prize.....1/9,444,732,965,739,290,427,392 4,835,703,278,458,516,698,840,704,000 of 3/1,208,925,819,614,629,174,710,176 each 10,000  
87 Prize.....1/18,889,465,931,478,580,854,784 9,671,406,556,917,033,397,681,408,000 of 3/2,417,851,639,229,258,349,420,352 each 10,000  
88 Prize.....1/37,778,931,862,957,161,709,568 19,342,813,113,834,066,795,362,816,000 of 3/4,835,703,278,458,516,698,840,704 each 10,000  
89 Prize.....1/75,557,863,725,914,323,419,136 38,685,626,227,668,133,590,725,632,000 of 3/9,671,406,556,917,033,397,681,408 each 10,000  
90 Prize.....1/151,115,727,451,828,646,838,272 77,371,252,455,336,267,181,451,264,000 of 3/19,342,813,113,834,066,795,362,816 each 10,000  
91 Prize.....1/302,231,454,903,657,293,677,544 154,742,504,910,672,534,362,902,528,000 of 3/38,685,626,227,668,133,590,725,632 each 10,000  
92 Prize.....1/604,462,909,807,314,587,355,088 309,485,009,821,345,068,725,805,056,000 of 3/77,371,252,455,336,267,181,451,264 each 10,000  
93 Prize.....1/1,208,925,819,614,629,174,710,176 618,970,019,642,690,137,451,610,112,000 of 3/154,742,504,910,672,534,362,902,528 each 10,000  
94 Prize.....1/2,417,851,639,229,258,349,420,352 1,237,940,039,285,380,274,902,220,224,000 of 3/309,485,009,821,345,068,725,805,056 each 10,000  
95 Prize.....1/4,835,703,278,458,516,698,840,704 2,475,880,078,570,760,549,804,440,448,000 of 3/618,970,019,642,690,137,451,610,112 each 10,000  
96 Prize.....1/9,671,406,556,917,033,397,681,408 4,951,760,157,141,521,099,608,880,896,000 of 3/1,237,940,039,285,380,274,902,220,224 each 10,000  
97 Prize.....1/19,342,813,113,834,066,795,362,816 9,903,520,314,283,042,199,217,761,792,000 of 3/2,475,880,078,570,760,549,804,440,448 each 10,000  
98 Prize.....1/38,685,626,227,668,133,590,725,632,000 19,807,040,628,566,084,398,435,523,584,000 of 3/4,951,760,157,141,521,099,608,880,896 each 10,000  
99 Prize.....1/77,371,252,455,336,267,181,451,264,000 39,614,081,257,132,168,796,871,047,168,000 of 3/9,903,520,314,283,042,199,217,761,792 each 10,000  
100 Prize.....1/154,742,504,910,672,534,362,902,528,000 79,228,162,514,264,337,593,742,094,336,000 of 3/19,807,040,628,566,084,398,435,523,584 each 10,000  
101 Prize.....1/309,485,009,821,345,068,725,805,056,000 158,456,325,028,528,675,187,484,188,672,000 of 3/39,614,081,257,132,168,796,871,047,168 each 10,000  
102 Prize.....1/618,970,019,642,690,137,451,610,112,000 316,912,650,057,057,350,374,968,377,344,000 of 3/79,228,162,514,264,337,593,742,094,336 each 10,000  
103 Prize.....1/1,237,940,039,285,380,274,902,220,224,000 633,825,300,114,114,700,749,936,754,688,000 of 3/158,456,325,028,528,675,187,484,188,672 each 10,000  
104 Prize.....1/2,475,880,078,570,760,549,804,440,448,000 1,267,650,600,228,229,401,499,871,509,377,344,000 of 3/316,912,650,057,057,350,374,968,377,344 each 10,000  
105 Prize.....1/4,951,760,157,141,521,099,608,880,896,000 2,535,301,200,456,458,802,999,743,018,754,688,000 of 3/633,825,300,114,114,700,749,936,754,688 each 10,000  
106 Prize.....1/9,903,520,314,283,042,199,217,761,792,000 5,070,602,400,912,917,605,987,486,037,509,377,344,000 of 3/1,267,650,600,228,229,401,499,871,509,377,344 each 10,000  
107 Prize.....1/19,807,040,628,566,084,398,435,523,584,000 10,141,204,801,825,835,211,974,972,075,018,754,688,000 of 3/2,535,301,200,456,458,802,999,743,018,754,688 each 10,000  
108 Prize.....1/39,614,081,257,132,168,796,871,047,168,000 20,282,409,603,651,670,423,949,944,150,375,018,754,688,000 of 3/5,070,602,400,912,917,605,987,486,037,509,377,344 each 10,000  
109 Prize.....1/79,228,162,514,264,337,593,742,094,336,000 40,564,819,207,303,340,847,899,888,300,750,375,018,754,688,000 of 3/10,141,204,801,825,835,211,974,972,075,018,754,688 each 10,000  
110 Prize.....1/158,456,325,028,528,675,187,484,18